



DOCKET NO.: MS304376.1/MSFTP482US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: **Robert A. DeLine, et al.**
Serial No.: **10/681,759**
Filed: **October 8, 2003**
For: **PLUG-IN PRE- AND POSTCONDITIONS FOR STATIC PROGRAM ANALYSIS**
Art Unit: **2122**
Examiner: **Unknown**

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Alexandria, Virginia 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120; or (c) U.S. Patent(s) and published applications(s) since the subject application was filed after June 30, 2003.

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

(a) ___ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.

(b) ___ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

(a) ___ Within 3 months of the filing date or date of entry into the National Stage.

(b) X Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.

(c) ___ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ___ The required certification is given below, or

(2) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

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(d) ___ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee.
Petition hereby is made for consideration of this Statement and the required certification is indicated below.

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4. Certification (if applicable)

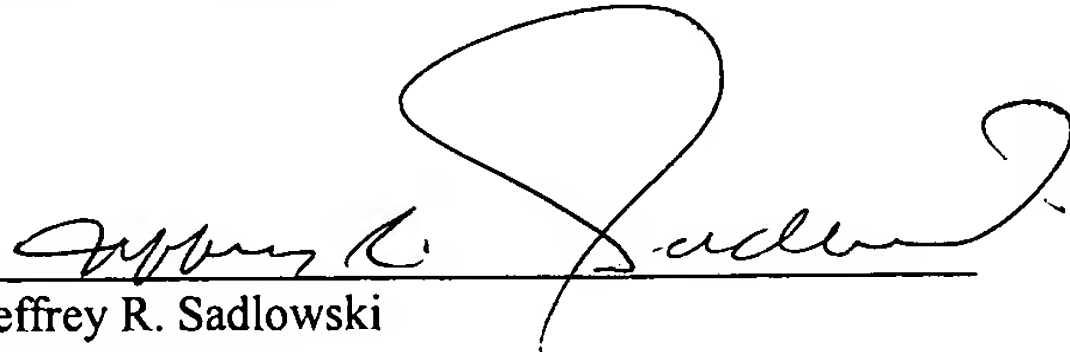
(a) ___ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ___ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

By


Jeffrey R. Sadlowski
Reg. No. 47,914

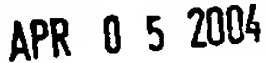
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(216) 696-8730

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Alexandria, Virginia 22313-1450.

Date: 3-30-2004


Jeffrey R. Sadlowski



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Complete if Known

Application Number	10/681,759
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First Named Inventor	Robert A. DeLine, et al.
Art Unit	2122
Examiner Name	Unknown
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U. S. PATENT DOCUMENTS

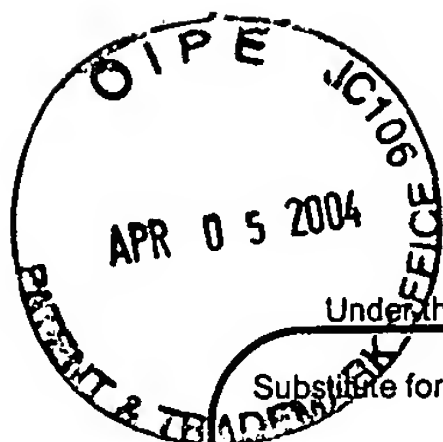
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STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

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Sheet	2	of	3
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		THOMAS BALL, et al., Automatically Validating Temporal Safety Properties of Interfaces, PLDI 2001, pp. 1-10	
		CHANDRASEKHAR BOYAPATI, et al., Ownership Types for Safe Programming: Preventing Data Races and Deadlocks, OOPSLA '02, November 4-8, 2002, Seattle, Washington	
		WILLIAM R. BUSH, et al., A Static Analyzer for Finding Dynamic Programming Errors, Software Practice & Experience, 2000, Mountain View, California	
		MANUVIR DAS, et al., ESP: Path-Sensitive Program Verification in Polynomial Time, PLDI '02, June 17-19, 2002, pp. 57-68, Berlin, Germany	
		ROBERT DELINE, et al., Enforcing High-Level Protocols in Low-Level Software, PLDI 2001, Snowbird, Utah	
		ROBERT DELINE, et al., The Fugue Protocol Checker: Is Your Software Baroque?, OOPSLA '03, 2003, pp. 1-15, Anaheim, California	
		MANUEL FAHNDRICH, et al., Adoption and Focus: Practical Linear Types for Imperative Programming, PLDI '02, June 17-19, 2002, pp. 13-24, Berlin, Germany	
		CORMAC FLANAGAN, et al., Extended Static Checking for Java, PLDI '02, June 17-19, 2002, Berlin, Germany	
		CORMAC FLANAGAN, et al., Type-Based Race Detection for Java, PLDI 2000, Vancouver, British Columbia, Canada	
		JEFFREY S. FOSTER, et al., Flow-Sensitive Type Qualifiers, PLDI '02, June 17-19, 2002, pp. 1-12, Berlin, Germany	

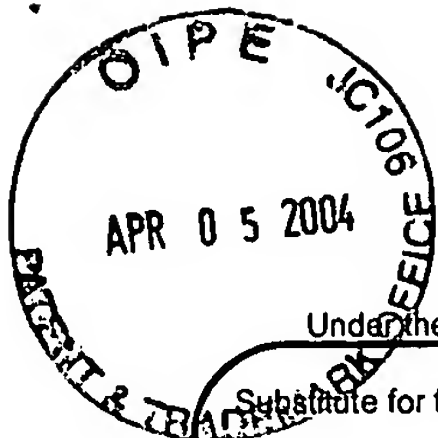
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		ANDREW D. GORDON, et al., Typing a Multi-Language Intermediate Code, ACM, 2001	
		SETH HALLEM, et al., A System and Language for Building System-Specific, Static Analyses, PLDI '02, June 17-19, 2002, pp. 69-82, Berlin, Germany	
		ERIK MEIJER, et al., Technical Overview of the Common Language Runtime, 2000	
		C. C. MICHAEL, et al., Improving Heuristic Software Analysis with Semantic Information, 2001, pp. 1-8	
		JOHN PENIX, REBOUND: A Framework for Automated Component Adaptation, 1998	
		SANDER TICHELAAR, et al., A Meta-Model for Language-Independent Refactoring, Proceedings ISPSE 2000, IEEE, 2000, pp. 157-167	

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